

Nuclear transcription factor Y subunit C-1 (NFYC1), Recombinant Protein

Cat RP04640

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Nuclear transcription factor Y subunit C-1 (NFYC1)

Product Gene Name

NFYC1 recombinant protein

Product Synonym Gene Name

NFYC1

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MDTNNQQPPP SAAGIPPPP GTTISAAGGG ASYHHLLQQQ QQQLQLFWTY QRQEIEQVND FKNHQLPLAR
IKKIMKADED VRMISAEAPI LFAKACELFI LETIRSWLH AEENKRRTLQ KNDIAAAITR TDIFDFLVDI
VPRDEIKDEA AVLGGMVVA PTASGVPPYY PPMGQPAGPG GMMIGRPAMD PNGVYVQPPS
QAWQSVWQTS TGTGDDVSYG SGGSSGQGNL DGQG

Sequence Positions

1-234, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

25,329 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Nuclear transcription factor

NCBI Accession

NP_190428.1

NCBI GI

15228405

NCBI GenBank Nucleotide

NM_114718.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

824019

NCBI Official Full Name

nuclear factor Y, subunit C1

NCBI Official Symbol

NF-YC1

NCBI Official Synonym Symbols

"nuclear factor Y; ATHAP5A; HAP5A; nuclear factor Y; subunit C1; subunit C1"

NCBI Protein Information

nuclear factor Y, subunit C1

NCBI Summary

Encodes a protein with similarity to a subunit of the CCAAT promoter motif binding complex of yeast. One of two members of this class (HAP5A) and expressed in vegetative and reproductive tissues.

UniProt Gene Name

NFYC1

UniProt Synonym Gene Names

HAP5A; AtNF-YC-1

UniProt Protein Name

Nuclear transcription factor Y subunit C-1

UniProt Synonym Protein Names

Transcriptional activator HAP5A

UniProt Primary Accession

Q9SMP0

UniProt Secondary Accession

O23635

UniProt Related Accession

Q9SMP0

UniProt Comments

Stimulates the transcription of various genes by recognizing and binding to a CCAAT motif in promoters.

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